• PRINTER RUSH • (PTO ASSISTANCE)

Application :	10 077 051	Examiner :	R Dharia	GAU:	2141
From:	mg	Location:	DO FMF FDC	Date:	02.21.06
		Tracking #:	10 077 051	Week Date:	11 . 28 . 05

EPM

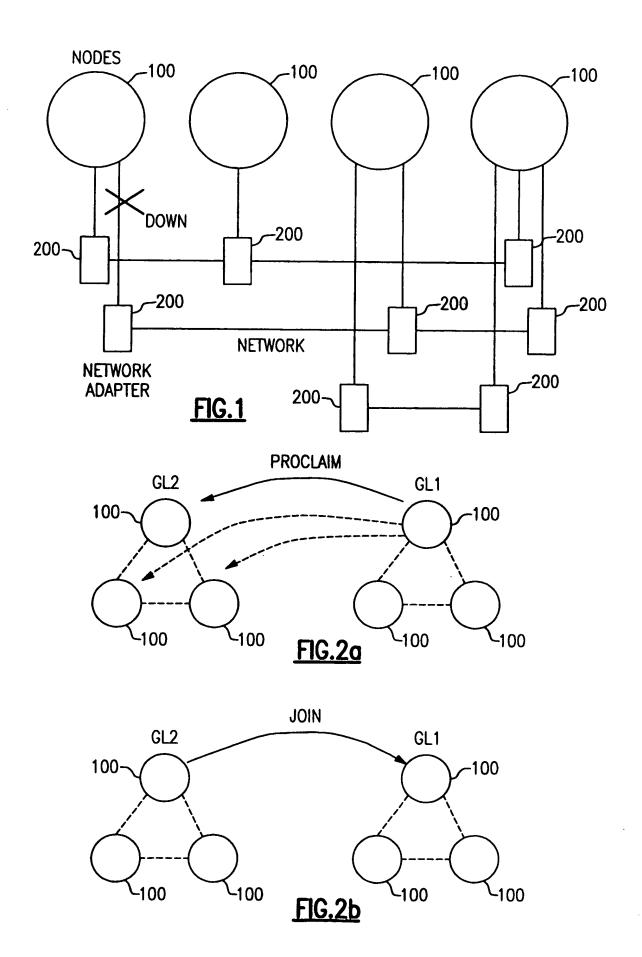
DOC CODE	DOC DATE	MISCELLANEOUS
<u> </u>		Continuing Data
□IDS		Foreign Priority
☐ CLM		Document Legibility
□IIFW		Fees
☐ SRFW		Other
[] DRW	05 · 09 · 02	
□ОАТН		
□ 312		
SPEC		

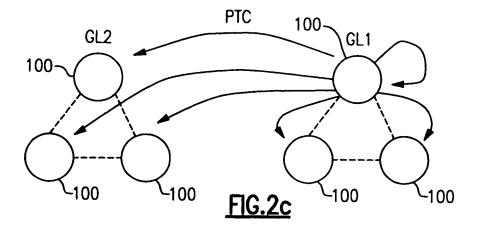
ATTENTIO	on: CHI	EF DRAFTE	E & Z	OU					_
And I	Please	provide	a	clear copy	of	the	approved	set of	drawings
						·			
						····			
		·							
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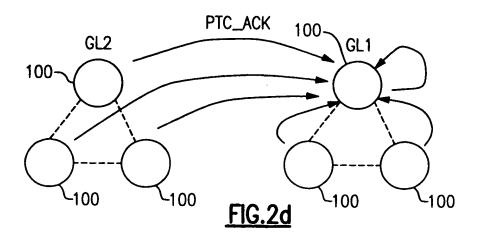
XRUSH] RESPONSE:	
Durg corrected	
	INITIALS:

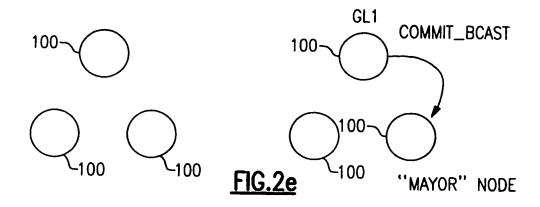
NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

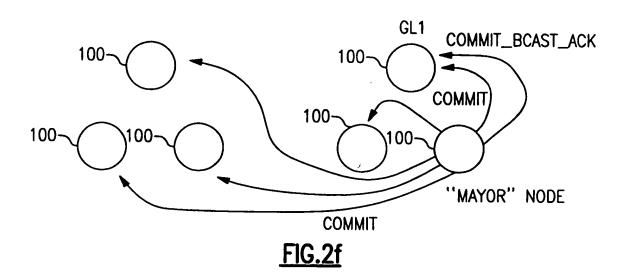
REV 10/04

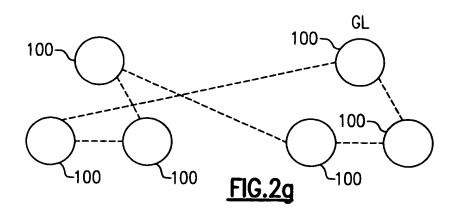


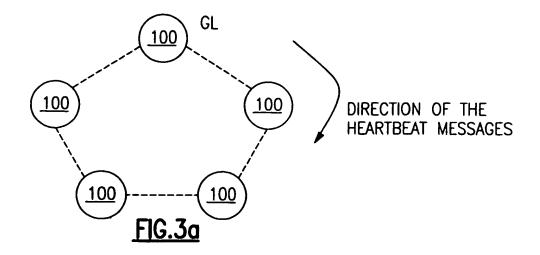


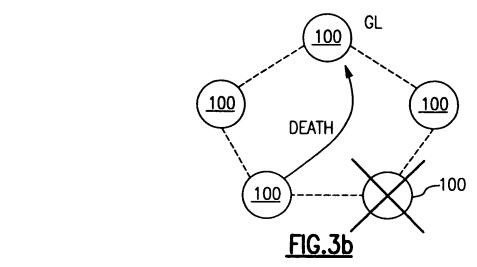


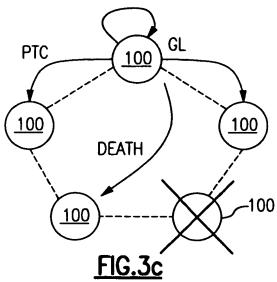


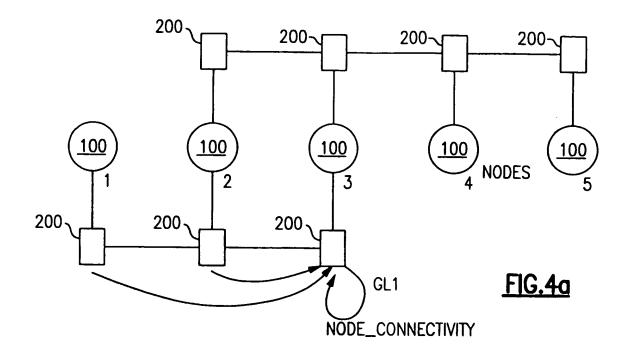


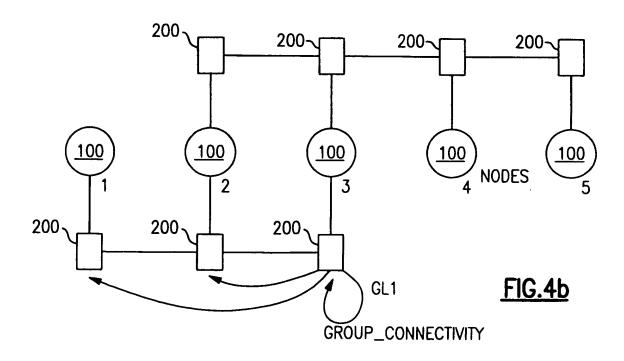


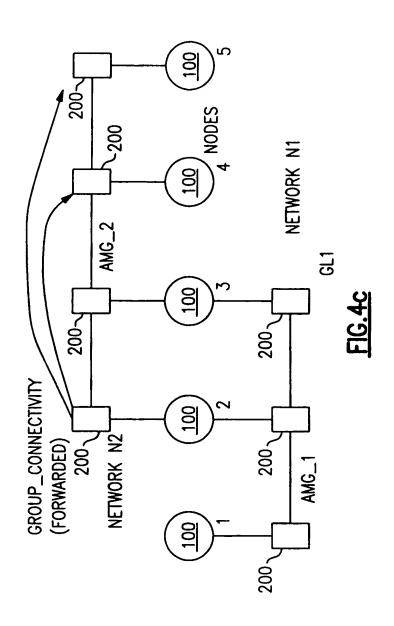


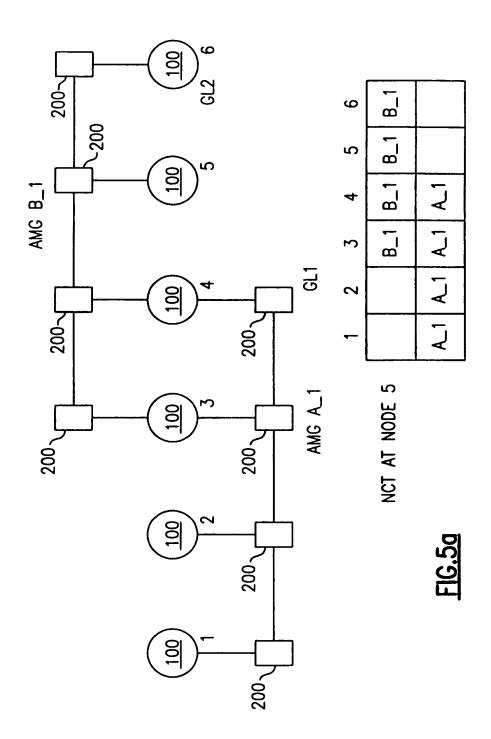


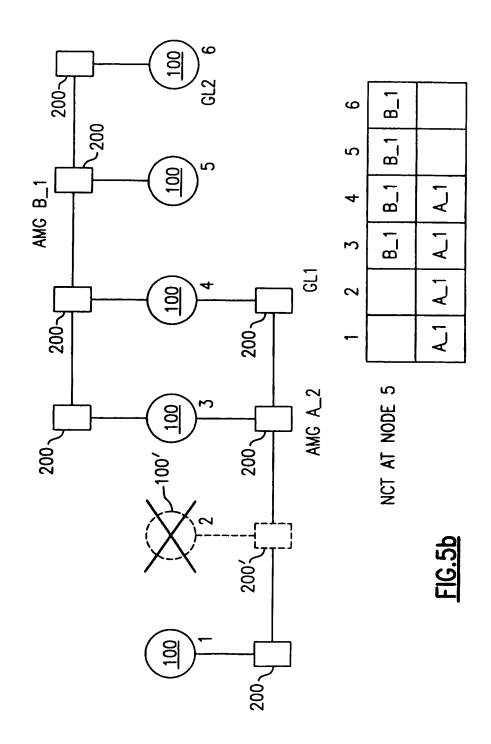


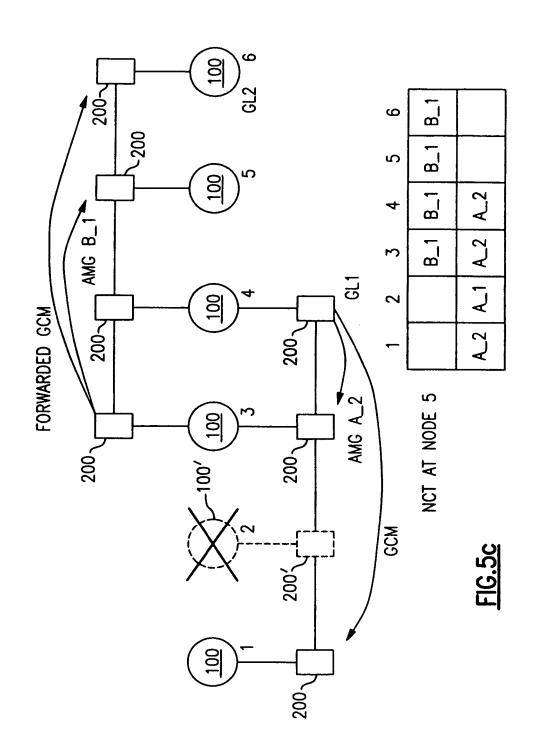












NETWORK A: 10 SECONDS DETECTION TIME NETWORK B: 40 SECONDS DETECTION TIME

NODES 1 AND 2 ARE FORMING AMGS ON NETWORKS A AND B

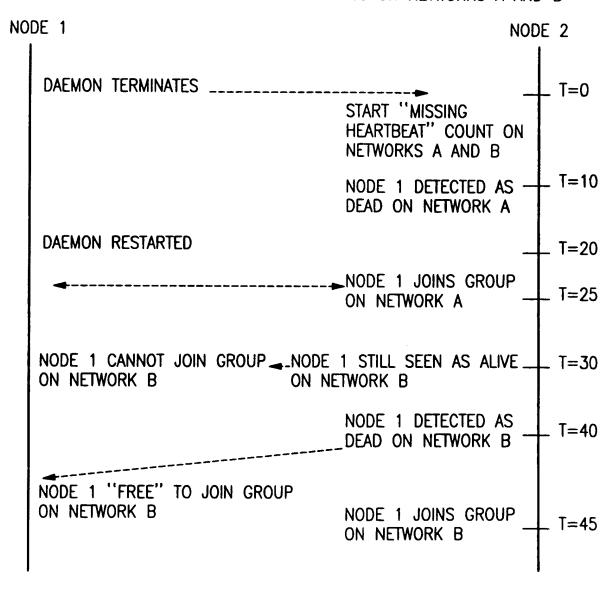


FIG.6

NODE 2 AND OTHERS

NODE 1 (NOT GL OR CP)

ADAPTER GLITCH: IT START "MISSING CAN RECEIVE BUT NOT HEARTBEAT" COUNT SEND PACKETS

START "MISSING

HEARTBEAT" COUNT NODE 1 DETECTED AS DEAD: OTHERS FORM NEW AMG

UPSTREAM NEIGHBOR DETECTED AS DEAD

DOES NOT HEAR BACK FROM GL OR CP: "DISSOLVE" GROUP AND FORM SINGLETON UNSTABLE **AMG**

ADAPTER GLITCH ENDS: RESUMES NORMAL OPERATIONS NODE 1 JOINS GROUP

NEVER SEES OTHER NODES GOING DOWN

FIG.7

NODE 1 DEAD

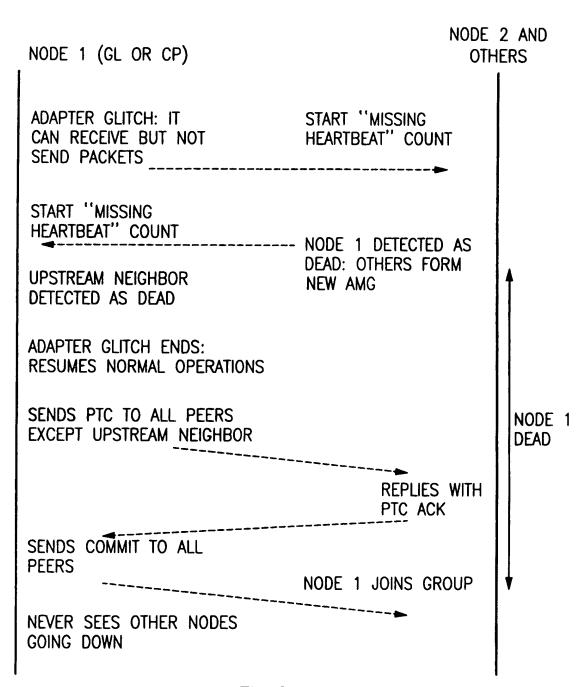
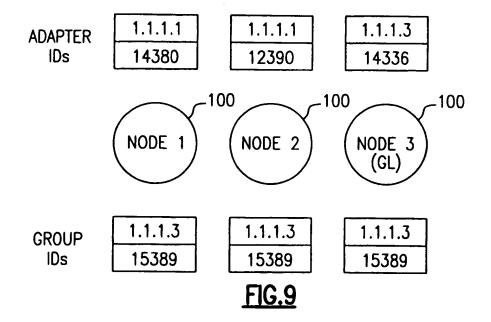


FIG.8



MESSAGE TYPE

SOURCE ADAPTER ID

SOURCE GROUP ID

DESTINATION ADAPTER ID

DESTINATION GROUP ID

PAYLOAD

FIG. 10

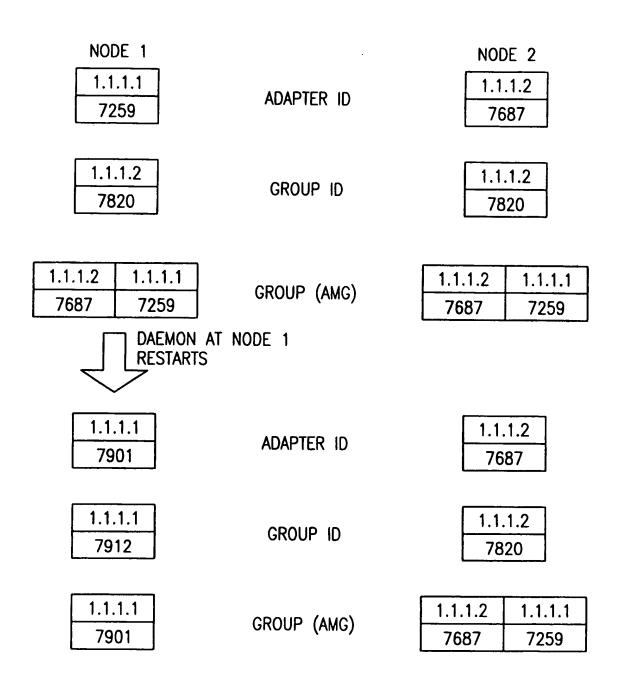
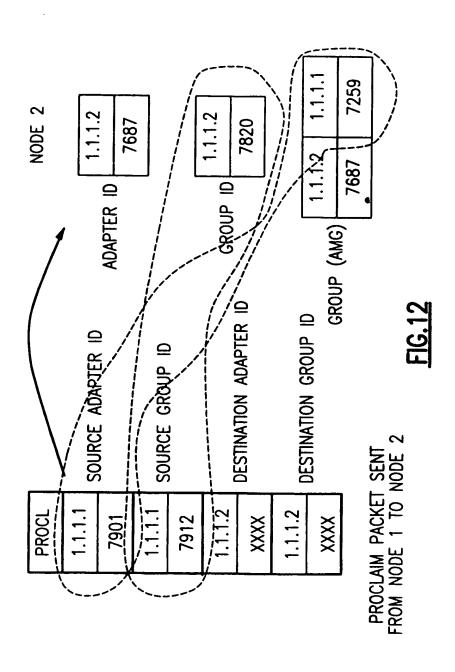
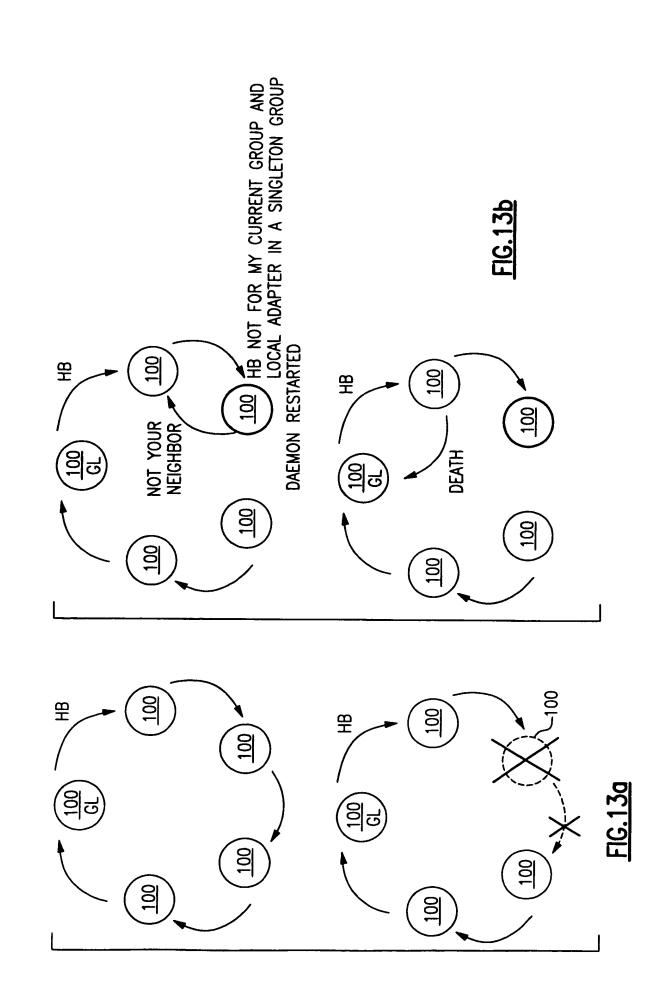


FIG.11





NODE 2 1.1.1.2 NODE 3 (GL) 1.1.1.3

7687 ADAPTER ID 7820 GROUP ID

7820

7687

 1.1.1.3
 1.1.1.2
 1.1.1.1

 7687
 7259
 7228

GROUP (AMG)

 1.1.1.3
 1.1.1.2
 1.1.1.1

 7687
 7259
 7228

1.1.1.2 1.1.1.1 LAST_STABLE_GROUP 7259 7228

1.1.1.3

7687

1.1 1.3 1.1 1.2 1.1.1.1 7687 7259 7228

COMMUNICATION GLITCH IN NODE 3'S ADAPTER

FIG. 14a

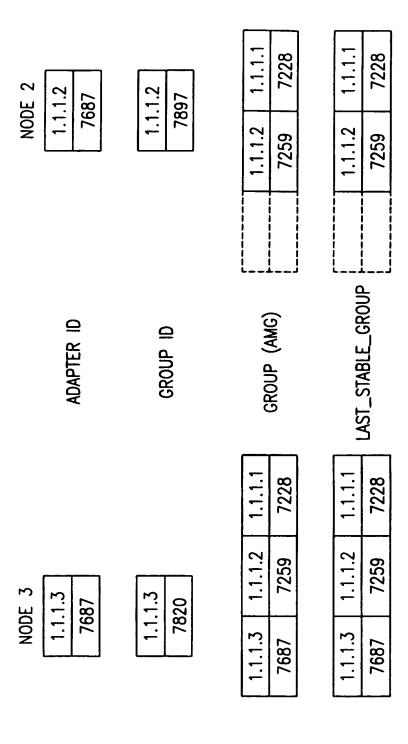


FIG. 14b

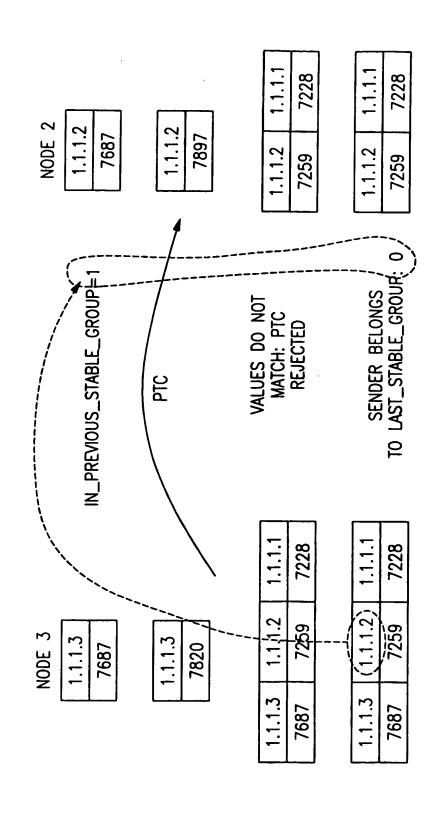


FIG. 14c

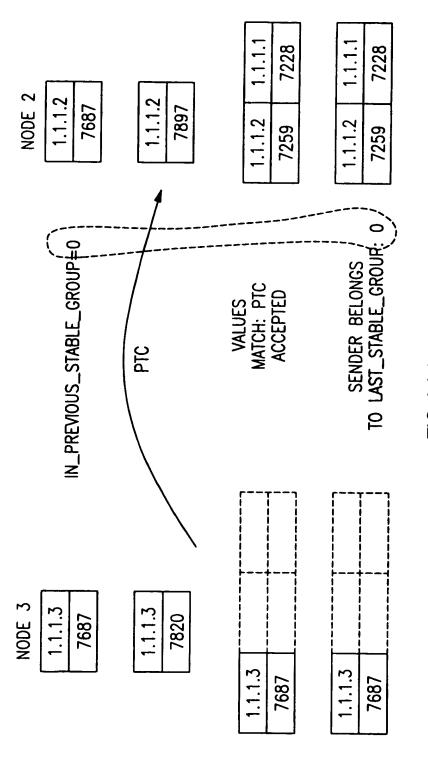
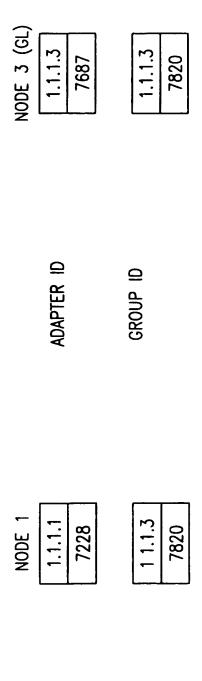


FIG. 14d



1.1	58	1.1) X
1.1.	7228	1.1.	7228
1.1.1.3 1.1.1.2 1.1.1.1	7259	1.1.1.3 1.1.1.2 1.1.1.1	7259
1.1.1.3	7897	1.1.1.3	7887
GROUP (AMG)		LAST STABLE GROUP	
1.1.1.1	7228	1.1.1.1	7778
1.1.3 1.1.1.2 1.1.1.1	7259	1.1.1.3 1.1.1.2 1.1.1.1	7250
.1.1.3	7687	.1.1.3	7837

COMMUNICATION GLITCH IN NODE 1'S ADAPTER.

FIG. 15a

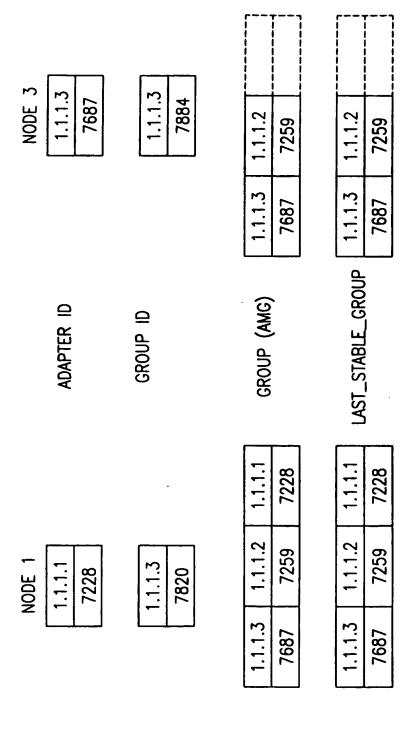


FIG. 15b

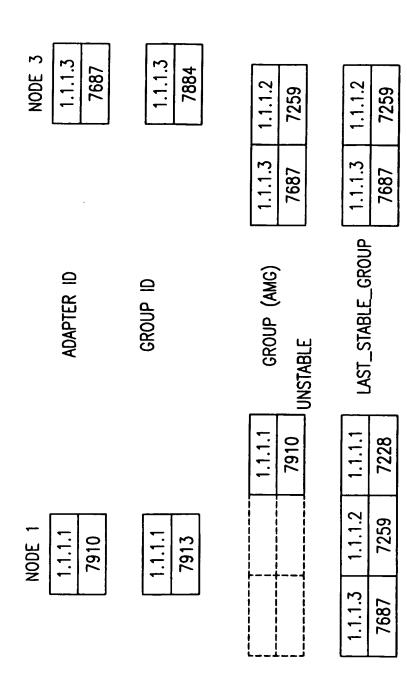


FIG. 15c

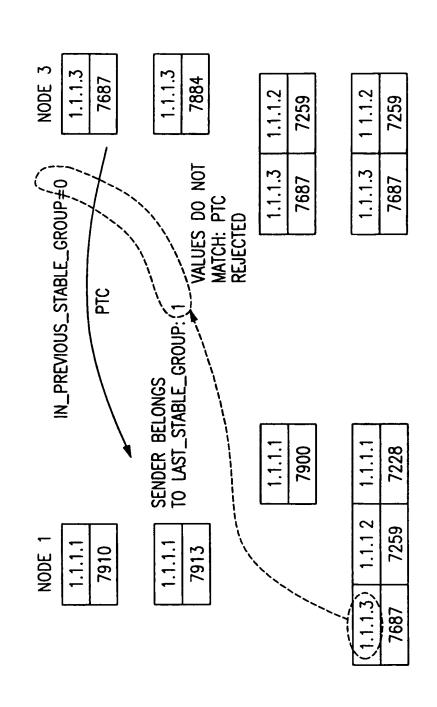


FIG. 15d

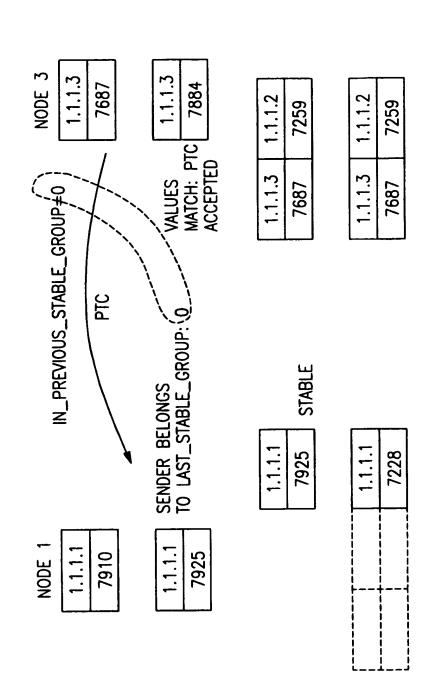


FIG. 15e